

20 **AMENDMENTS TO THE CLAIMS**

21 **This listing of claims will replace all prior versions and listings of claims in the**
22 **application:**

23 **LISTING OF CLAIMS:**

24 **WHAT IS CLAIMED IS:**

25 (original): 1. A method of producing hollow alumina particles
26 comprising the steps of: generating micro-liquid droplets in an
27 atomized state from an aqueous solution containing one of
28 aluminum nitrate and aluminum acetate and one of a surfactant and
29 an organic acid by irradiating supersonic waves; selecting the
30 generated micro-liquid droplets having a predetermined grain
31 sized or less by air stream introducing the generated micro-
32 liquid droplets into the furnace; and burning the generated
33 micro-liquid in air.

34 (original): 2. A method of producing hollow alumina particles
35 according to claim 1, wherein the concentration of aluminum
36 nitrate or aluminum acetate is from 0.1 to 1.0 M.

1 (currently amended): 3. A method of producing hollow alumina
2 particles according to ~~any one of claim 1 to 2~~, wherein one of
3 0.0005 to 0.05 mol of the surfactant and 0.03 to 0.5 mol of the
4 organic acid is added to one mol of one of aluminum nitrate and

5 aluminum acetate.

1 (currently amended): 4. A method of producing hollow alumina
2 | particles according to ~~any one of~~ claims 1 ~~to~~ 3, wherein the
3 organic acid corresponds to one of citric acid, amino acid and
4 maleic acid.

1 (currently amended): 5. A method of producing hollow alumina
2 | particles according to ~~any one of~~ claims 1 ~~to~~ 4, wherein the
3 surfactant corresponds to an olefinic polymer having a weight
4 average molecular weight of from 2,500 to 6.

5 (currently amended): 6. A method of producing hollow alumina
6 | particles according to ~~any one of~~ claims 1 ~~to~~ 5, wherein the
7 resultant hollow alumina particles are further re-burned.